EXHIBIT E

Case 4:23-cv-00770-SDJ Document 1-5 Filed 08/25/23 Page 2 of 11 PageID #: 51 IMPLICIT, LLC'S INFRINGEMENT ANALYSIS

U.S. Patent No. 8,056,075 – Capital One Financial Corp., Capital One, National Association Claim 1

Implicit, LLC ("Implicit") provides evidence of infringement of claim 1 of U.S. Patent No. 8,056,075 (hereinafter "the '075 patent") by Capital One Financial Corp. and Capital One, National Association (collectively, "Capital One"). In support thereof, Implicit provides the following claim charts.

"Accused Instrumentalities" as used herein refers to at least the components involved in the dynamic generation of applications/applets/apps, including but not limited to webpages and mobile apps (or components thereof), which are dynamically generated by one or more Capital One servers running Node.js and V8 software in response to a request from a client device (e.g., a browser or mobile device used by a Capital One customer/subscriber/user to access data/information stored by Capital One) to the one or more Capital One servers. An example of the Accused Instrumentalities are the one or more servers that generate a response to a web-browser request directed to a Capital One webpage (e.g., https://www.capitalone.com/). These claim charts demonstrate Capital One's infringement by comparing each element of the asserted claims to corresponding components, aspects, and/or features of the Accused Instrumentalities. These claim charts are not intended to constitute an expert report on infringement. These claim charts include information provided by way of example, and not by way of limitation.

The analysis set forth below is based only upon information from publicly available resources regarding the Accused Instrumentalities, as Capital One has not yet provided any non-public information. An analysis of Capital One's (or other third parties') technical documentation and/or software source code may assist in fully identifying all infringing features and functionality. Accordingly, Implicit reserves the right to supplement this infringement analysis once such information is made available to Implicit. Furthermore, Implicit reserves the right to revise this infringement analysis, as appropriate, upon issuance of a court order construing any terms recited in the asserted claims.

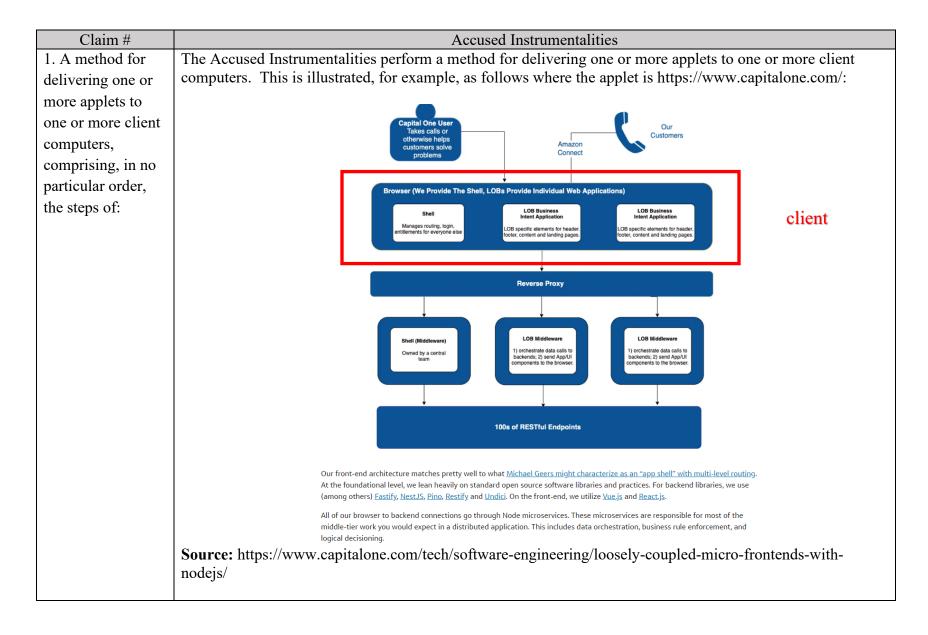
Implicit provides this evidence of infringement and related analysis without the benefit of claim construction or expert reports or discovery. Implicit reserves the right to supplement, amend or otherwise modify this analysis and/or evidence based on any such claim construction or expert reports or discovery.

Unless otherwise noted, Implicit contends that Capital One directly infringes the '075 patent in violation of 35 U.S.C. § 271(a) by selling, offering to sell, making, using, and/or importing the Accused Instrumentalities. The following exemplary analysis demonstrates that infringement.

Unless otherwise noted, Implicit believes and contends that each element of each claim asserted herein is literally met through Capital One's provision of the Accused Instrumentalities. However, to the extent that Capital One attempts to allege that any asserted claim element is not literally met, Implicit believes and contends that such elements are met under the doctrine of equivalents. More specifically, in its investigation and analysis of the Accused Instrumentalities, Implicit did not identify any substantial differences between the elements of the patent claims and the corresponding features of the Accused Instrumentalities, as set forth herein. In each instance, the identified feature of the Accused Instrumentalities performs at least substantially the same function in substantially the same way to achieve substantially the same result as the corresponding claim element.

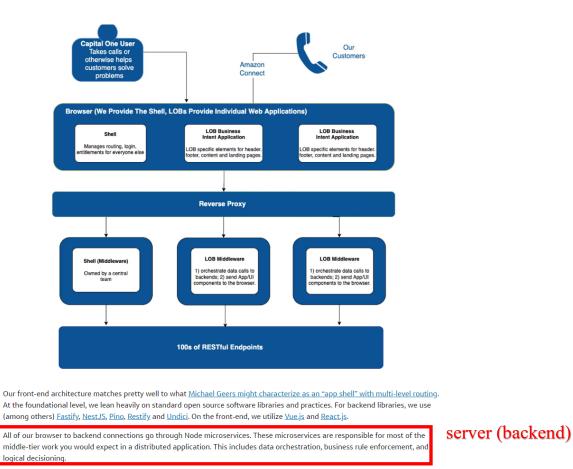
Case 4:23-cv-00770-SDJ Document 1-5 Filed 08/25/23 Page 3 of 11 PageID #: 52 IMPLICIT LLC's ANALYSIS OF INFRINGEMENT

To the extent the chart of an asserted claim relies on evidence about certain specifically-identified Accused Instrumentalities, Implicit asserts that, on information and belief, any similarly-functioning instrumentalities also infringe the charted claim. Implicit reserves the right to amend this infringement analysis based on other products made, used, sold, imported, or offered for sale by Capital One. Implicit also reserves the right to amend this infringement analysis by citing other claims of the '075 patent, not listed in the claim chart, that are infringed by the Accused Instrumentalities. Implicit further reserves the right to amend this infringement analysis by adding, subtracting, or otherwise modifying content in the "Accused Instrumentalities" column of each chart.



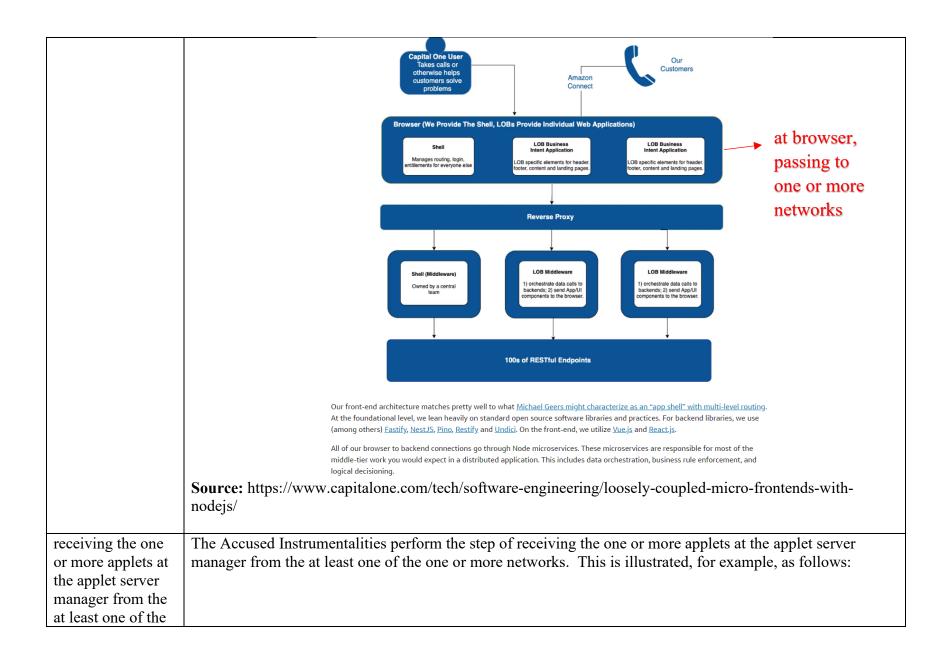
configuring an applet server manager at a server computer to manage at least one request from the one or more client computers for the one or more applets, the applet server manager having access to one or more networks;

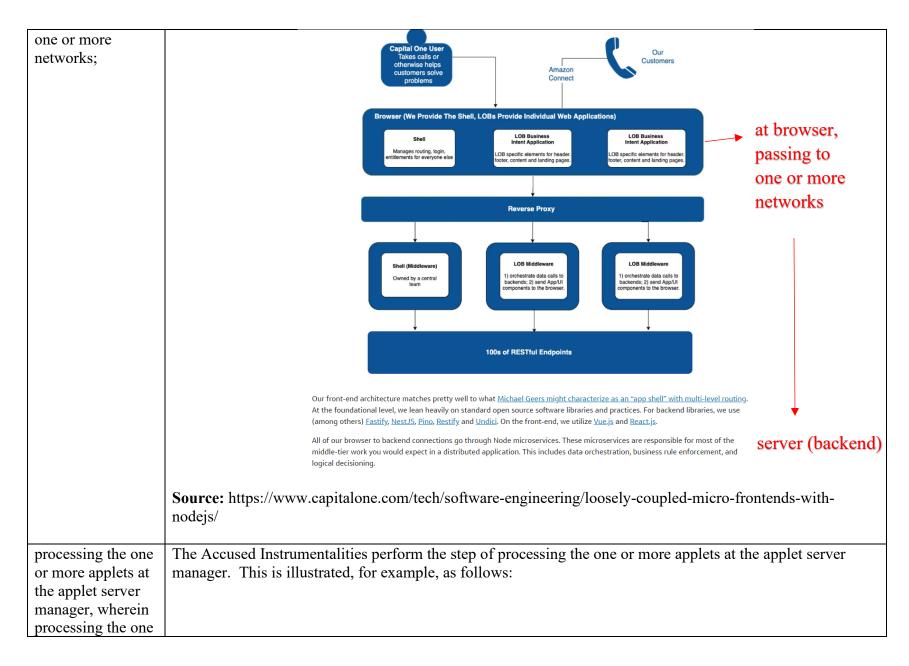
The Accused Instrumentalities perform a method that includes, configuring an applet server manager at a server computer to manage at least one request from the one or more client computers for the one or more applets, the applet server manager having access to one or more networks. This is illustrated, for example, as follows:

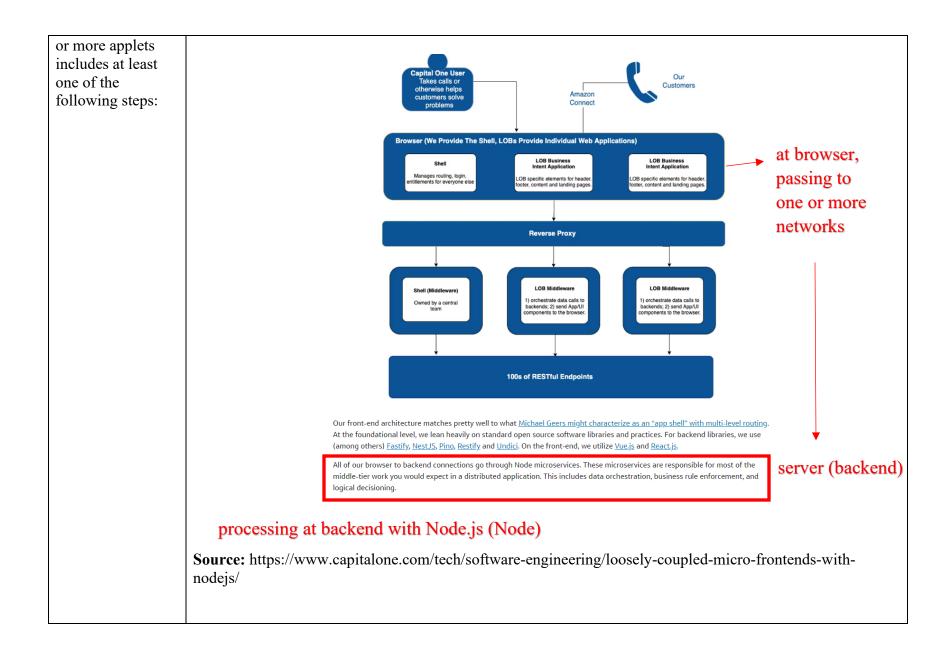


Source: https://www.capitalone.com/tech/software-engineering/loosely-coupled-micro-frontends-with-nodejs/

	Upon information and belief, the applet server manager has access to one or more networks and manages at least one request from one or more client computers for the one or more applets.		
receiving the at least one request at the applet server	The Accused Instrumentalities perform the step of receiving the at least one request at the applet server manager. This is illustrated, for example, as follows:		
manager,			
	Request URL:	https://www.capitalone.com/credit-cards/fair-and-building/	
	Request Method:	GET	
	Status Code:	● 200	
	Remote Address:	23.212.250.71:443	
	Referrer Policy:	origin-when-cross-origin	
		capitalone.com/credit-cards/fair-and-building/	
passing the at least	The Accused Instrumentalities perform the step of passing the at least one request from the applet server		
one request from	manager to at least one of the one or more networks. This is illustrated, for example, as follows:		
the applet server manager to at least			
one of the one or			
more networks;			







compressing the one or more applets before sending the one or more applets to the one or more client computers, optimizing the one or more applets before sending the one or more applets to the one or more client computers, and verifying the one or more applets before sending the one or more applets to the one or more client computers; and

The Accused Instrumentalities at least perform the step of compressing the one or more applets before sending the one or more applets to the one or more client computers. This is illustrated, for example, as follows:



Source: https://nodejs.org/dist./v6.3.0/docs/api/zlib.html



	Source: https://nodejs.org/dist./v6.3.0/docs/api/zlib.html		
sending the one or more applets from the applet server manager to the one or more client computers.	Upon information and belief, Node.js uses Zlib for compressing the one or more applets in one of the forms 'gzip' before sending it to one or more client computers. The Accused Instrumentalities perform the step of sending the one or more applets from the applet server manager to the one or more client computers. This is illustrated, for example, as follows:		
	▼ Response Headers Cache-Control: max-age=0, no-cache, no-store Content-Encoding: gzip sending Content-Length: 120334		
	Source: https://www.capitalone.com/credit-cards/fair-and-building/		
	Upon information and belief, the applet is sent to the client computer in one of the forms 'gzip.'		

Caveat: The notes and/or cited excerpts utilized herein are set forth for illustrative purposes only and are not meant to be limiting in any manner. For example, the notes and/or cited excerpts, may or may not be supplemented or substituted with different excerpt(s) of the relevant reference(s), as appropriate. Further, to the extent any error(s) and/or omission(s) exist herein, all rights are reserved to correct the same.